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3 A system for separating out impurities from a liquid
4 comprising:

5 a distiller for distilling said liquid to convert it to
6 vapor;

7 a container,

8 said vapor being fed to the bottom portion of said
9 container;

10 an array of semi-permeable screens rotatably mounted in
11 said container;

12 means for rotating said screens at a speed of
13 3000-10,000 rpm to generate vertical spiral vortexes which act
14 on said vapor and add a high level of kinetic energy to
15 separate out impurities therefrom; and

16 a condenser, said vapor being fed from said container
17 to said condenser to convert said vapor back to a liquid
18 state.

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21 The system of claim 1 and further including a second
22 container, an array of semi-permeable screens rotatably

1 mounted in said second container, means for rotatably driving
2 said screens in said second chamber at a speed of 6000-100,000
3 rpm, said vapor being fed from said first mentioned container
4 to the bottom of said second container, high level centrifugal
5 forces having high level horizontal vectors being generated in
6 said second container by said rotating screens which separate
7 out molecular species in the vapor, the purified vapor output
8 of said second container beng fed to said condenser for
9 conversion to liquid form.
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11 The system of claim 1 wherein the means for driving
12 each of said screen arrays comprises a separate motor and a
13 shaft running between said motor and the screens of each of
14 said arrays.
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18 The system of claim 1 wherein said screens have 4-10
19 mesh.
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21 The system of claim 1 and further including means for
22 recycling the elements separated from said vapor to the

1 distiller.

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5 A method for removing impurities from a liquid
6 comprising the steps of:

7 distilling said liquid to convert it to vapor;

8 feeding said vapor to the bottom of a container having
9 an array of rotatably mounted semi-permeable screens therein;

10 driving said screens at a speed of 3,000-10,000rpm to
11 generate vertical spiral vortexes which act on said vapor and
12 add a high level of kinetic energy to separate out impurities
13 therefrom; and

14 feeding the output of said container to a condenser to
15 convert the vapor to liquid form.

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17 The method of claim 6 wherein prior to being fed to
18 said container said vapor is fed to a second container having
19 an array of semi-permeable screens rotatably mounted therein;

20 rotatably driving said screens at a speed of
21 6000-100,000 rpm to generate high centrifugal forces having
22 high level horizontal vectors in said container which act to

1 purify said vapor by separating out molecular species in said
2 vapor; and

3 feeding the purified vapor to a condenser for
4 conversion to liquid form.

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7 The method of claim 7 and further including the step of
8 returning the impurities separated from said vapor to said
9 distiller for recycling.
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